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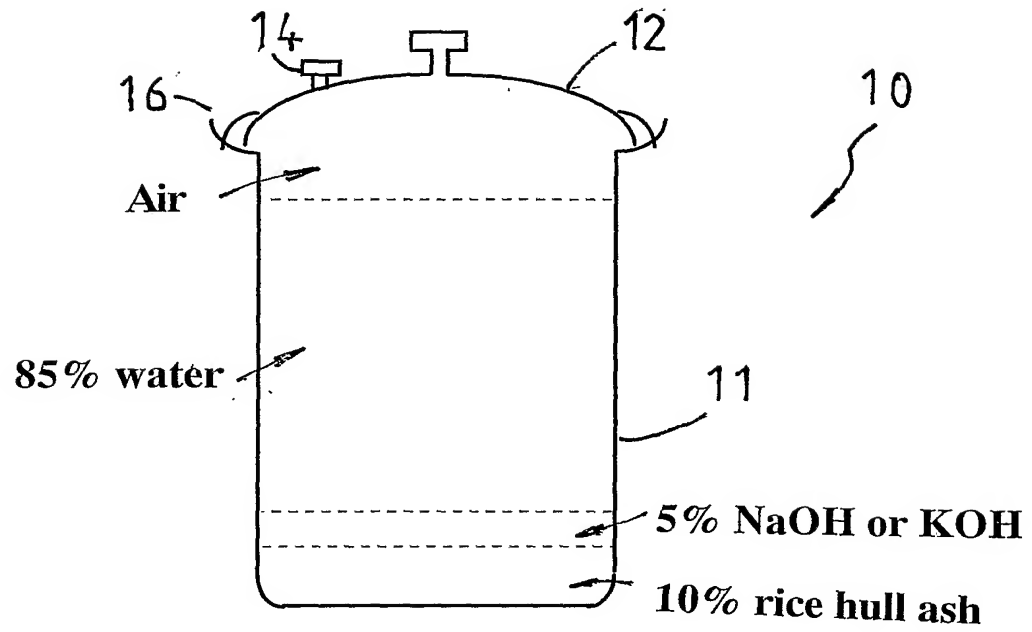


Fig. 1

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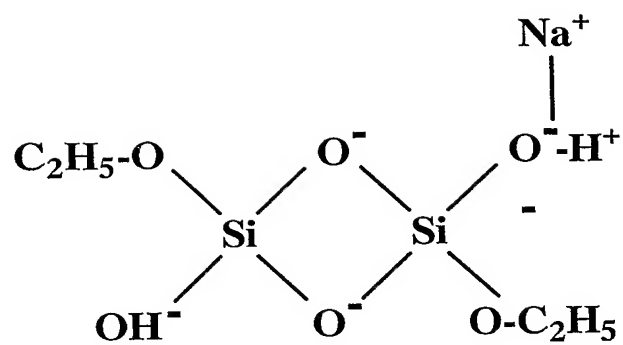


Fig. 2

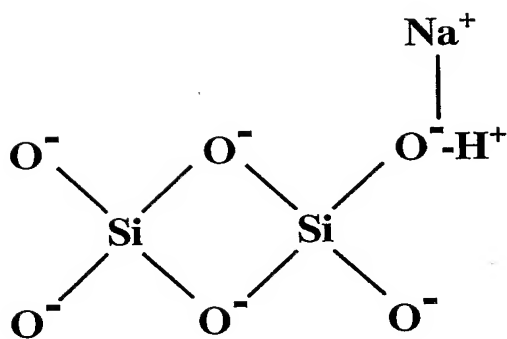


Fig. 3

### Chemical models of base structure of crystalline silica in liquid form derived from incinerated rice hulls

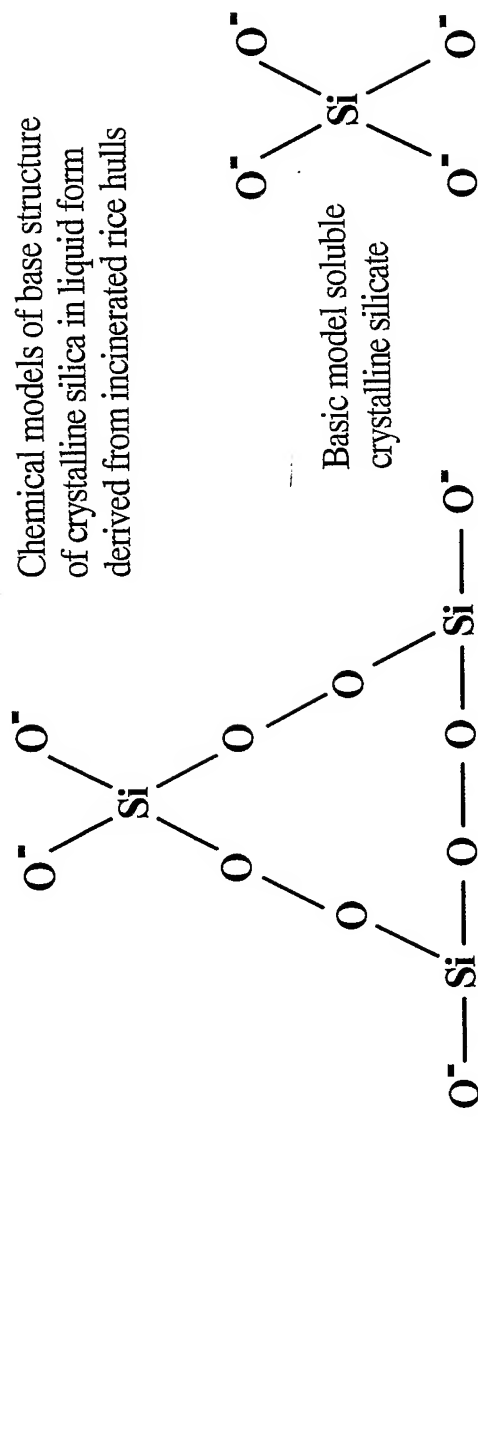


Fig. 4

Basic model soluble  
crystalline silicate

Silicon-oxygen bonds  
can be double or  
single oxygen

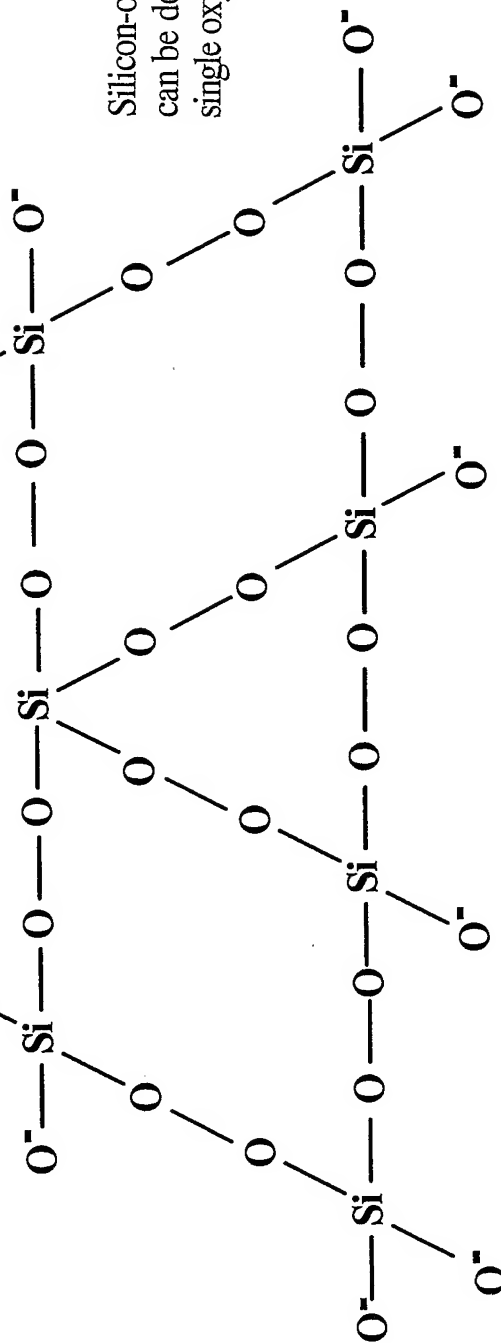
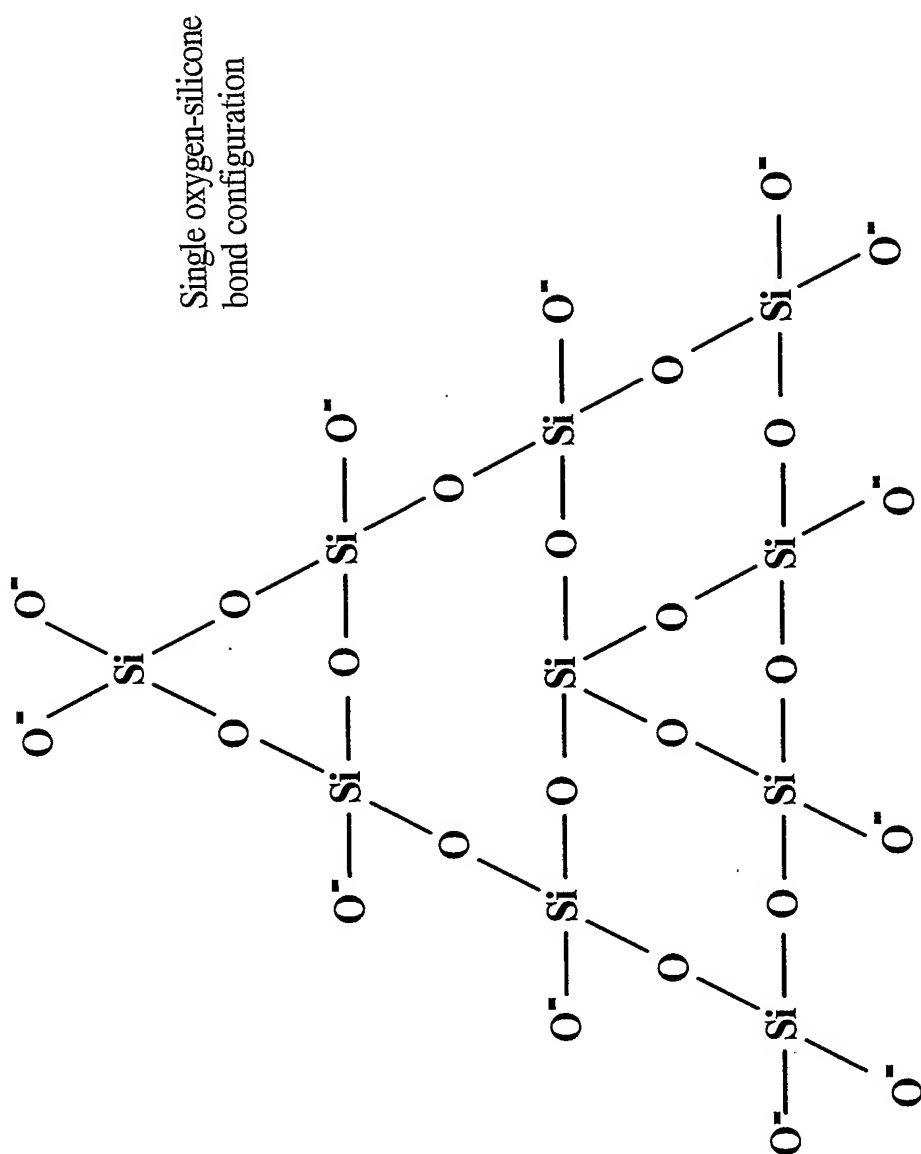
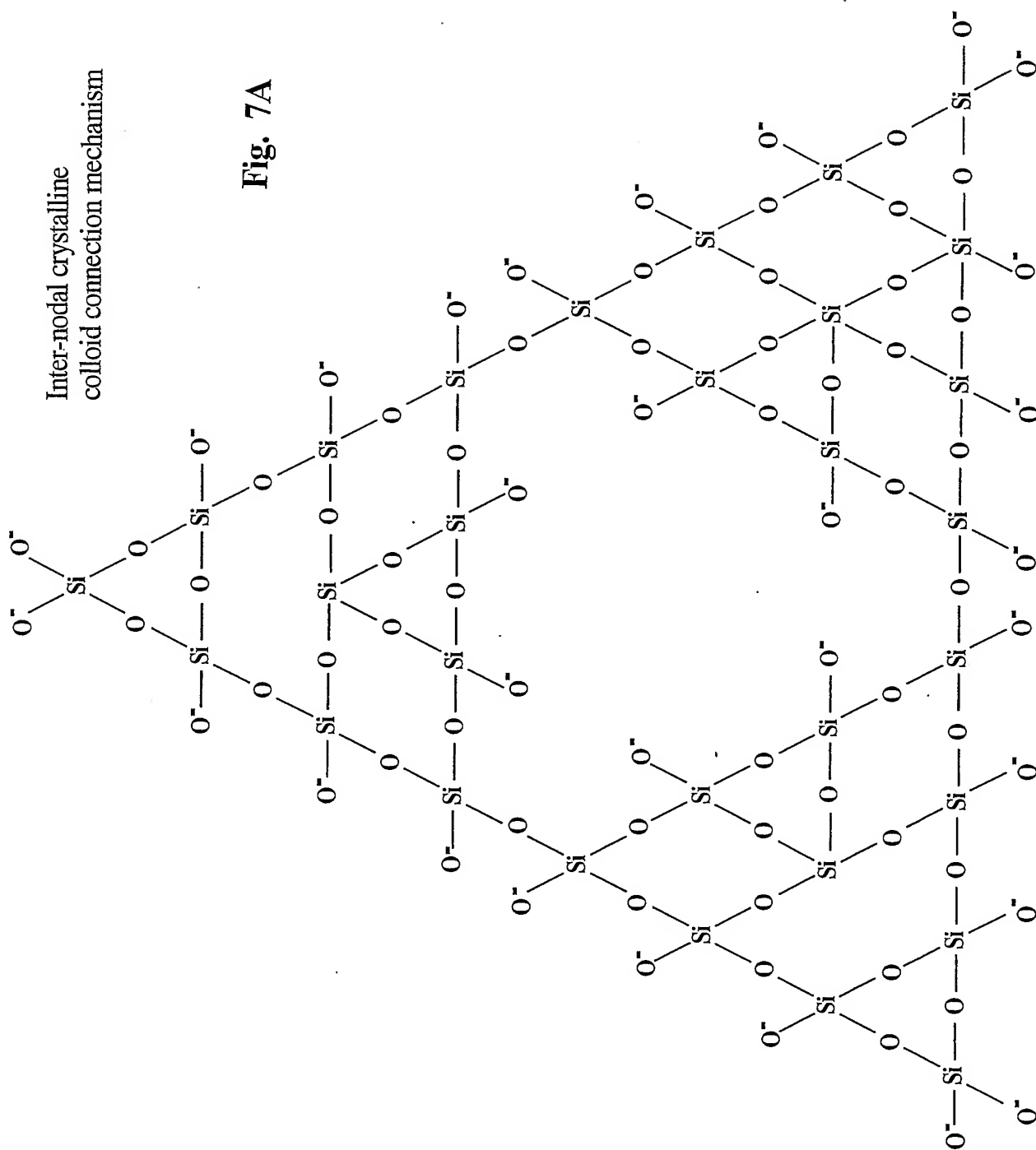


Fig. 5

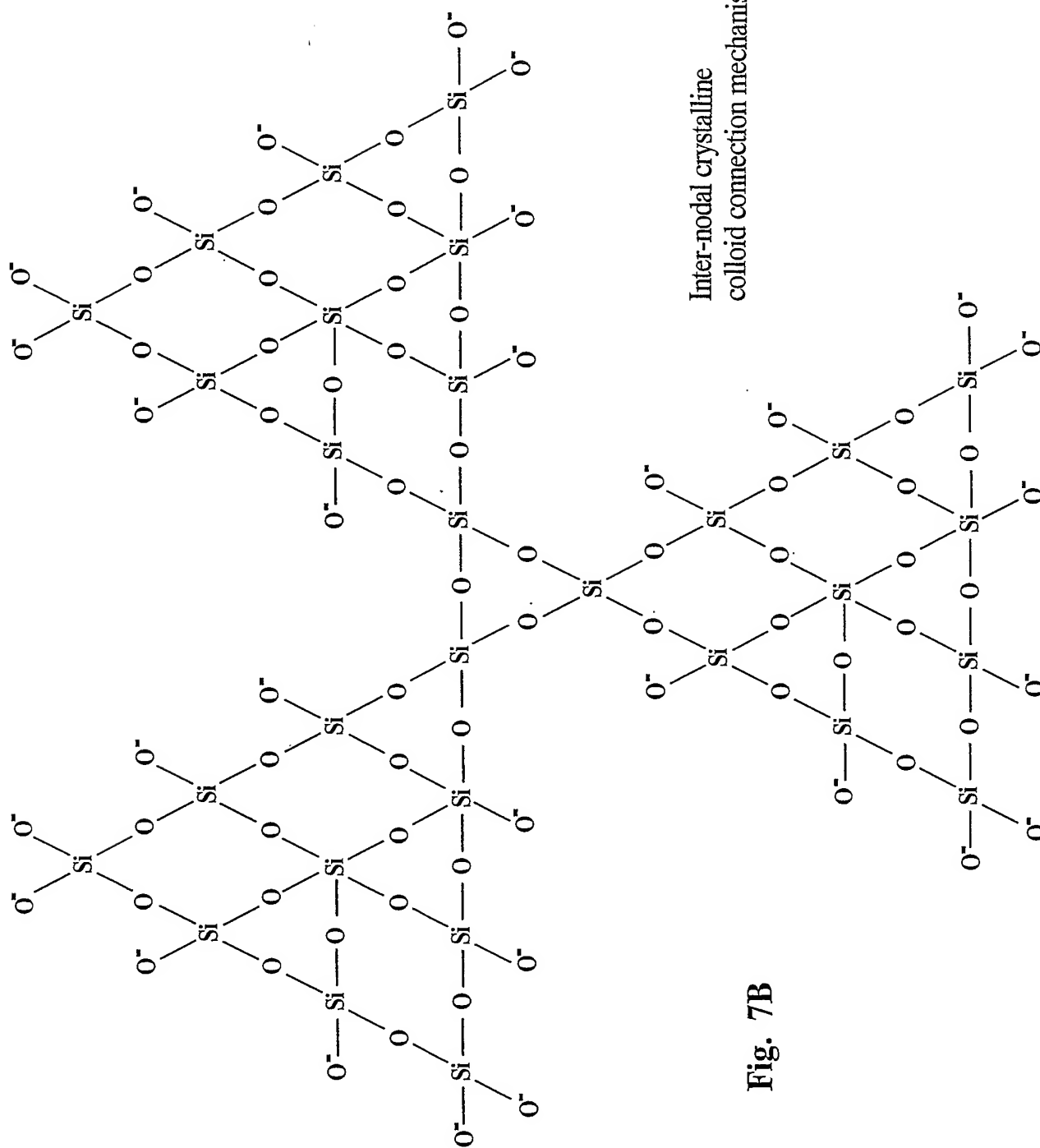


**Fig. 6**

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An expanded view  
of aqueous silica  
colloid matrix

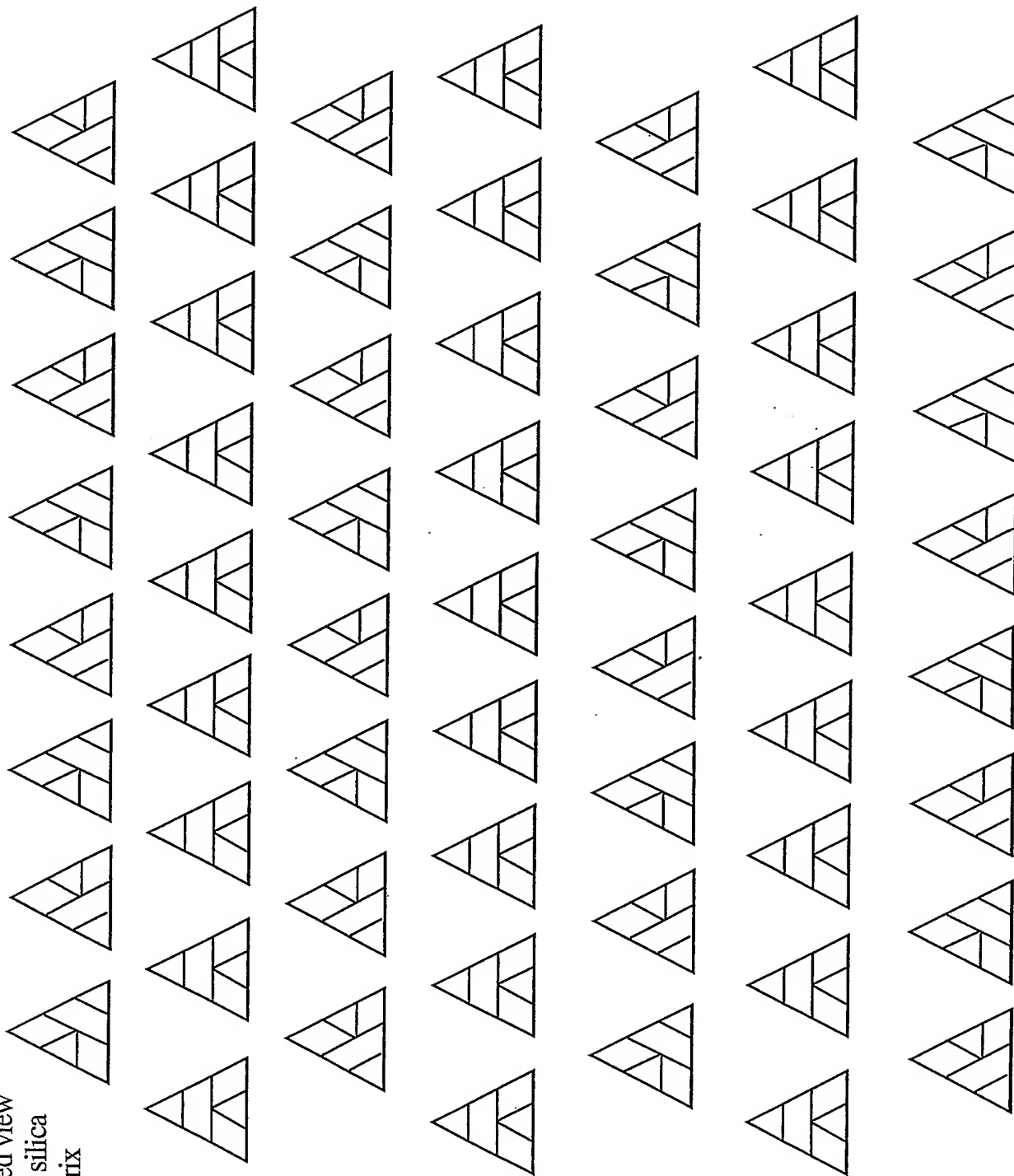
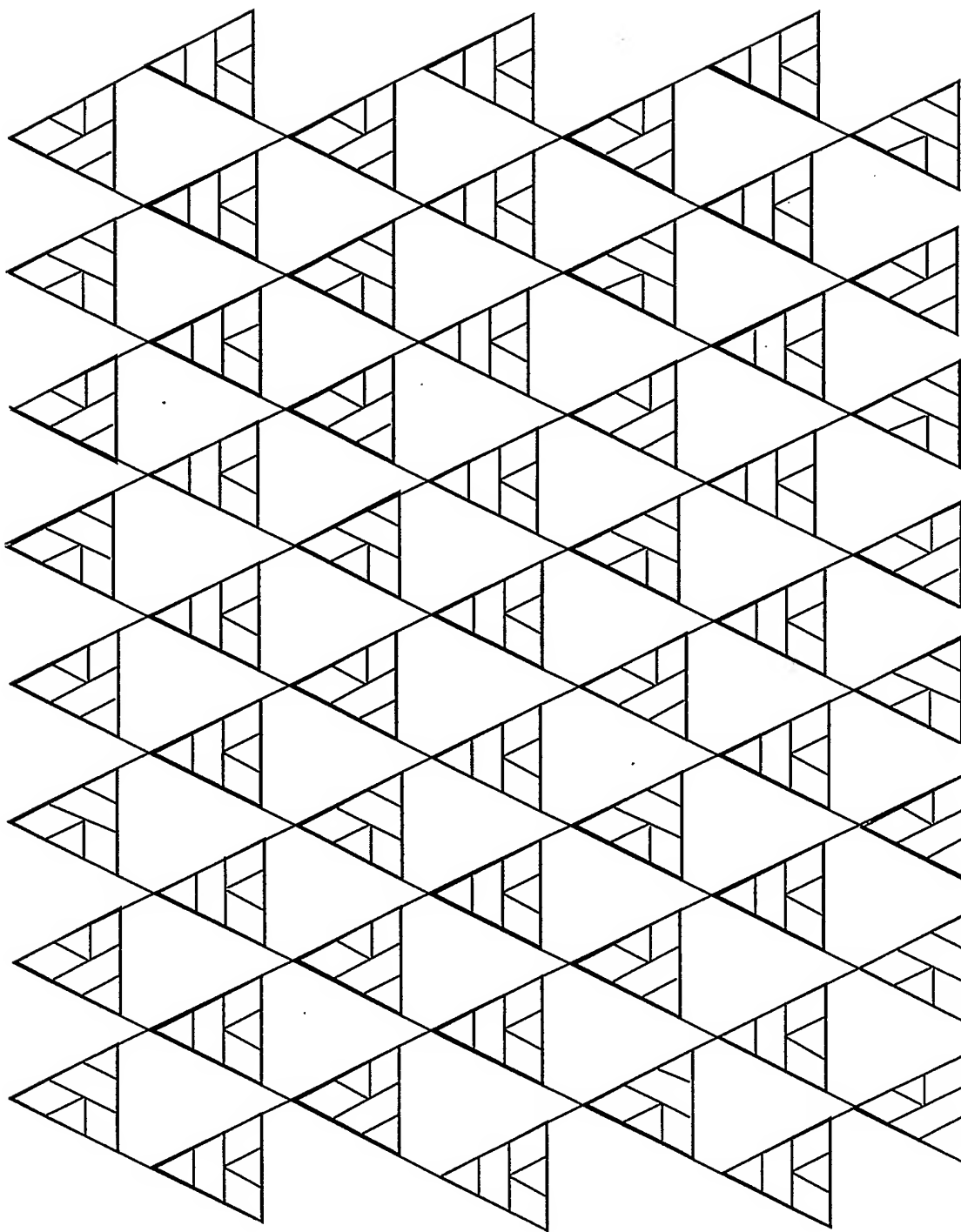


Fig. 8

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An expanded view of aqueous silica colloid matrix showing inter-colloid connection points

Fig. 9



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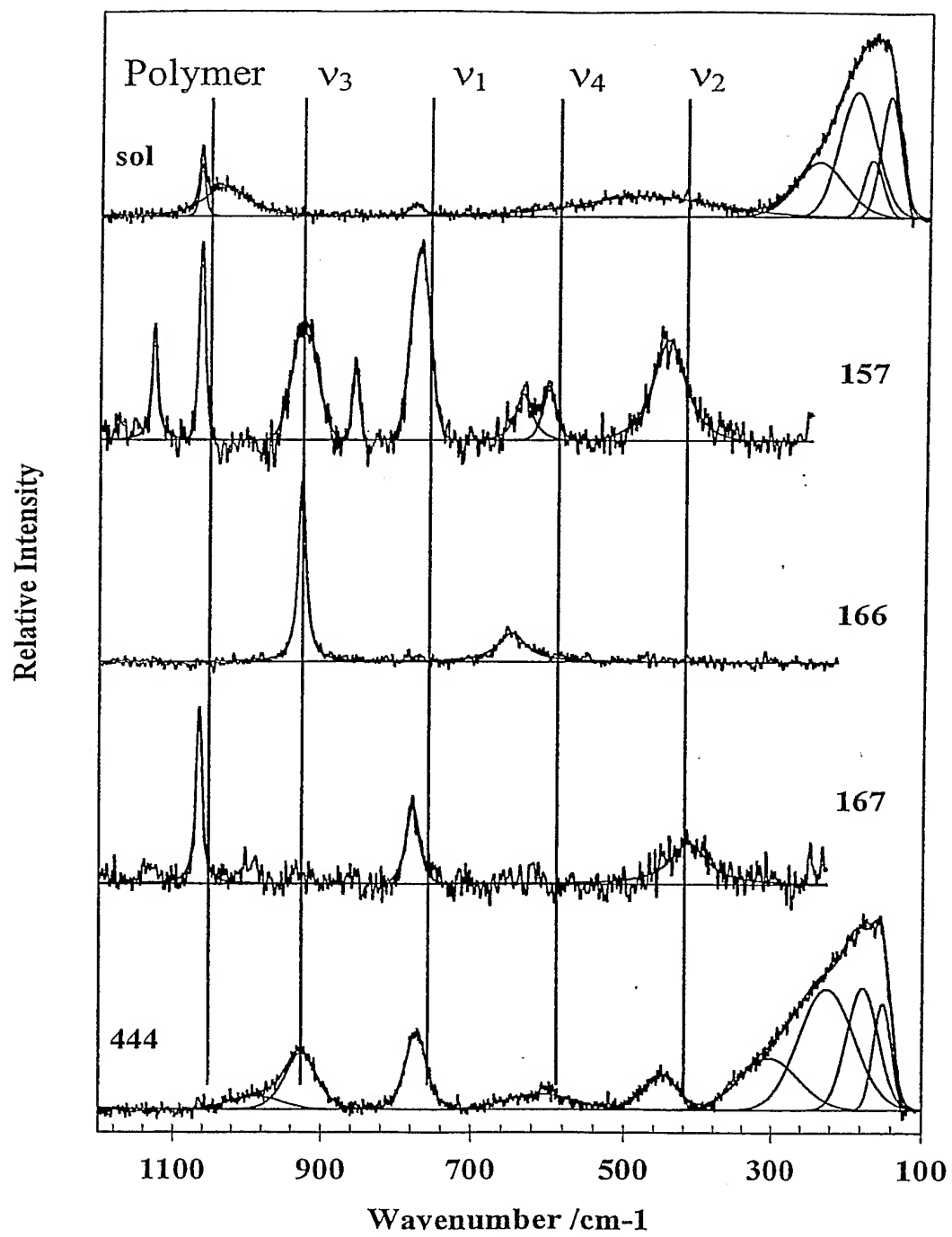


Fig. 10

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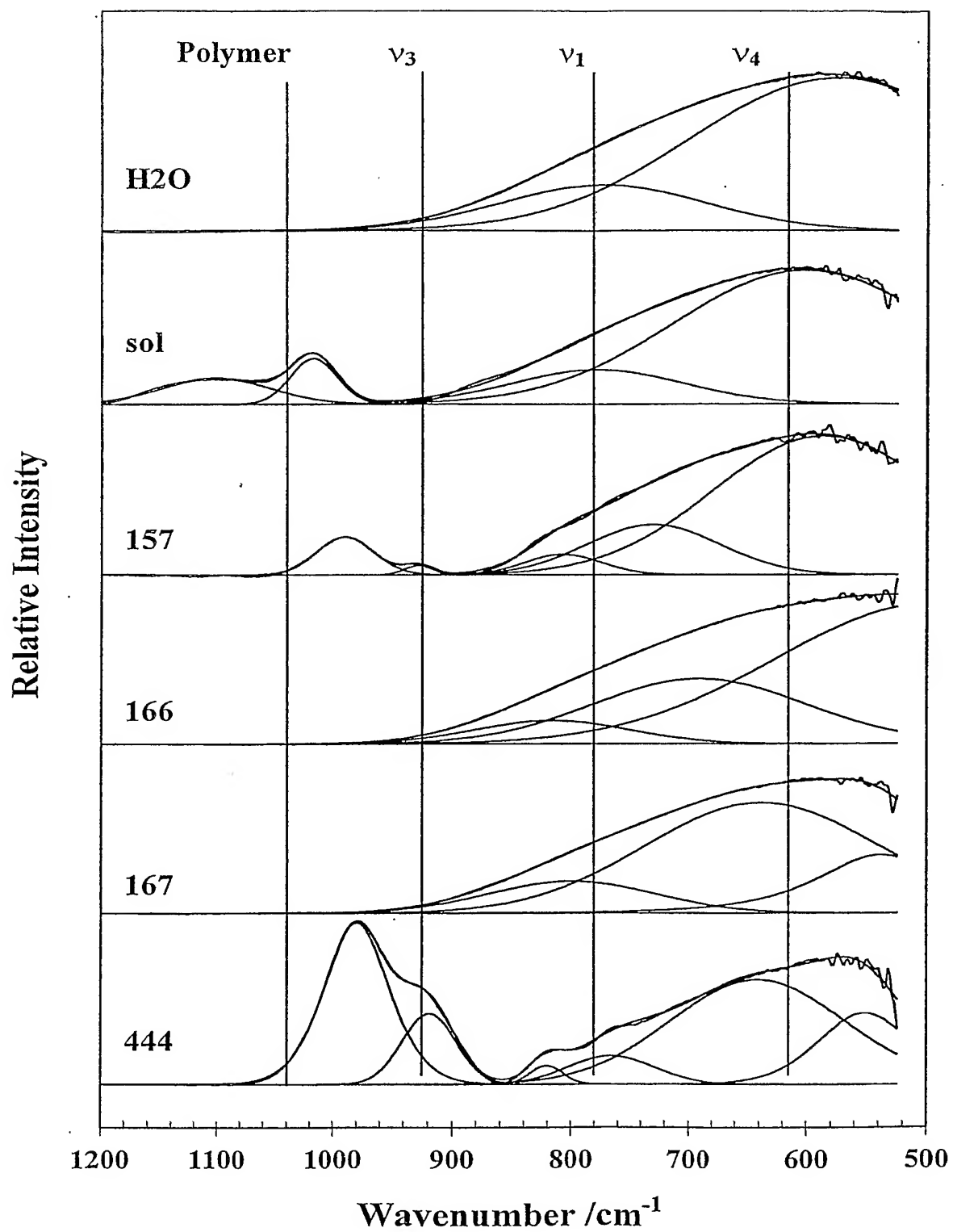


Fig. 11

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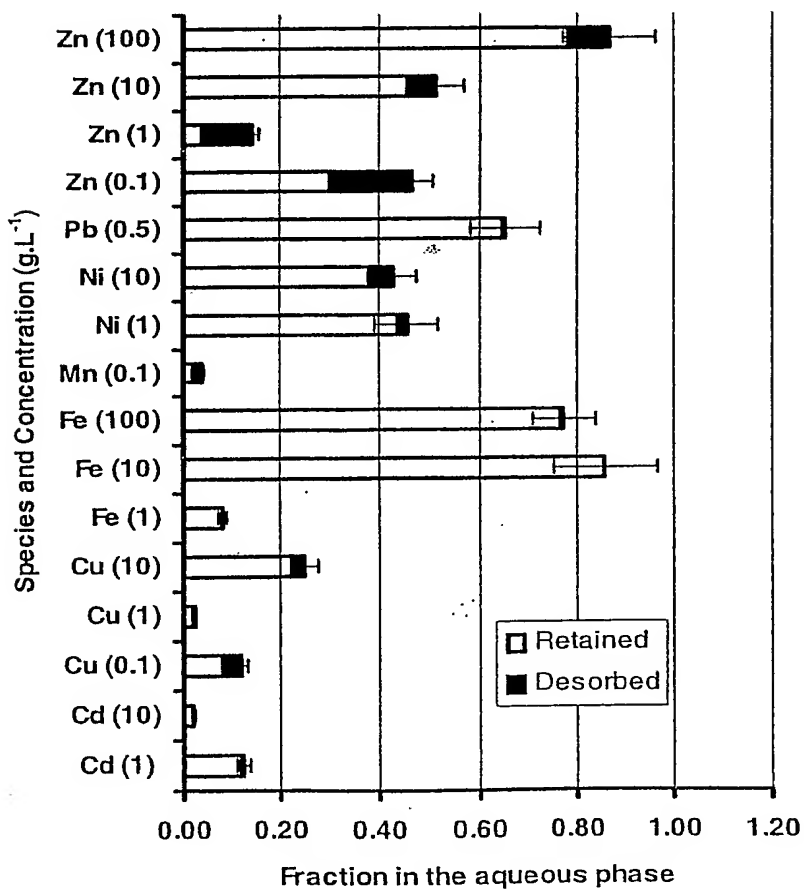
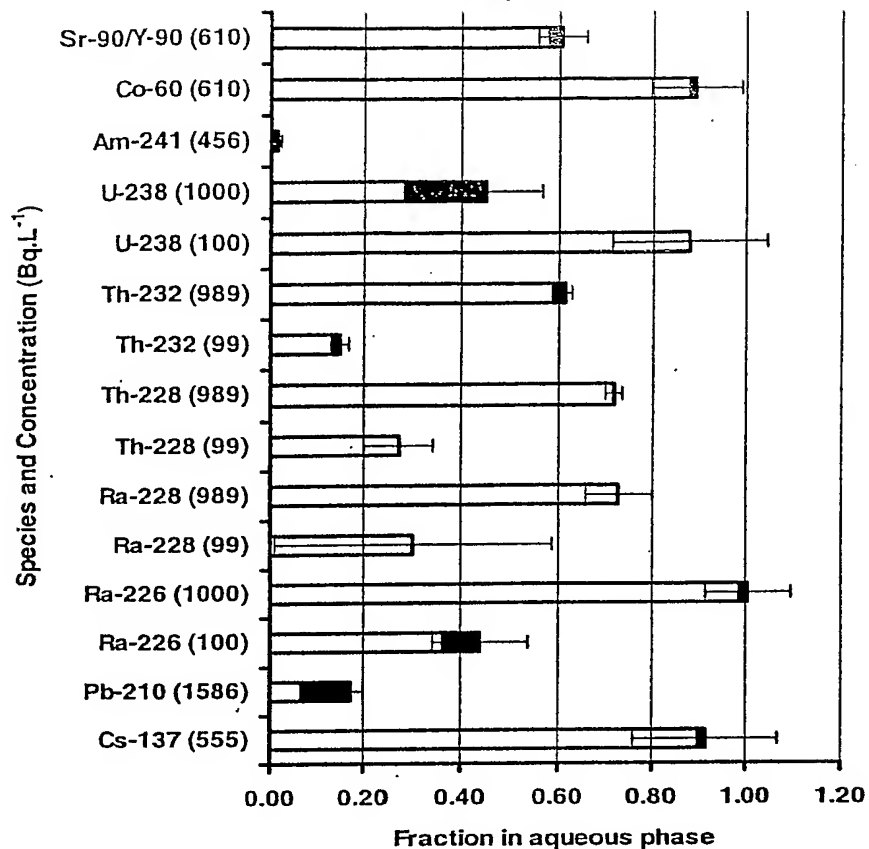


Fig. 12

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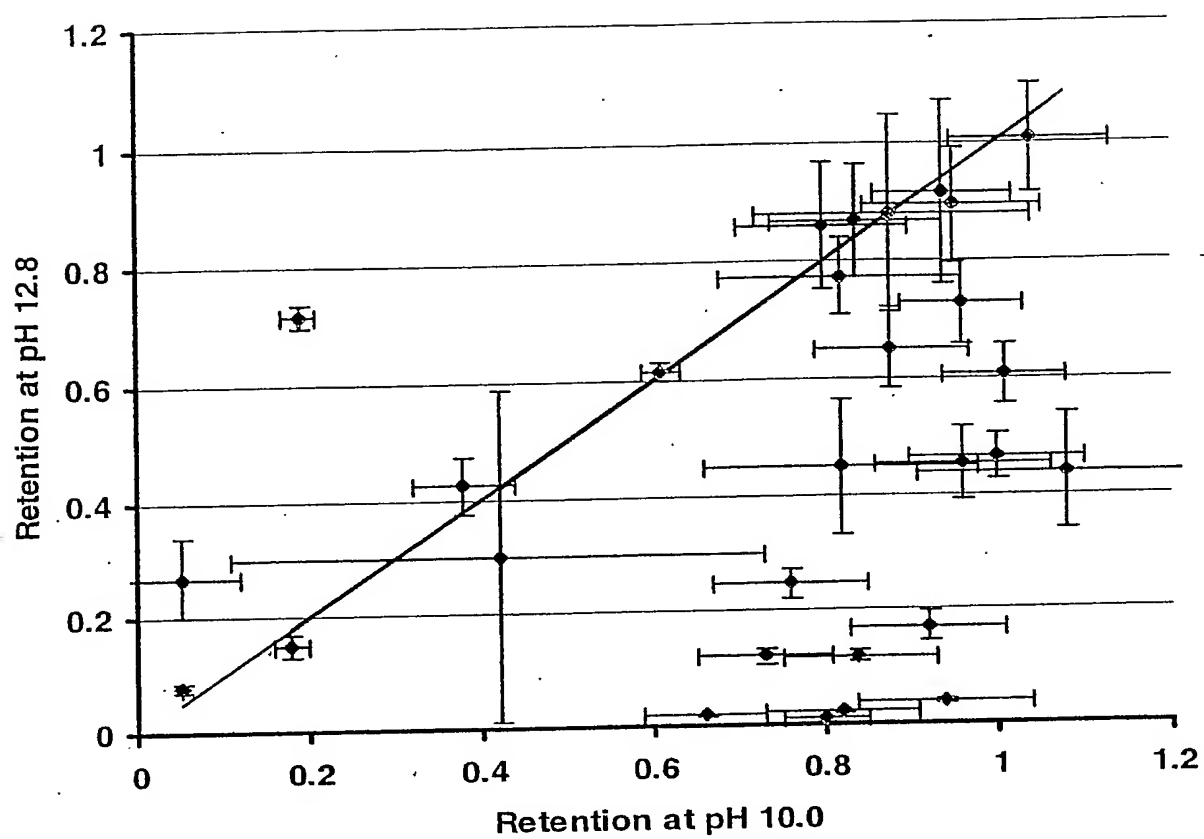


Fig. 13

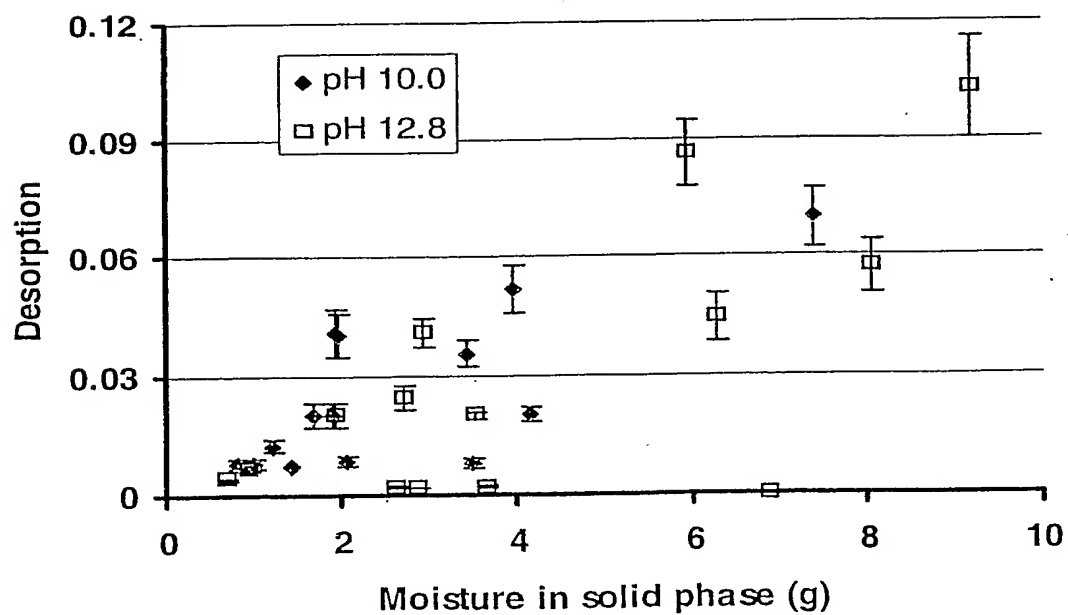


Fig. 14

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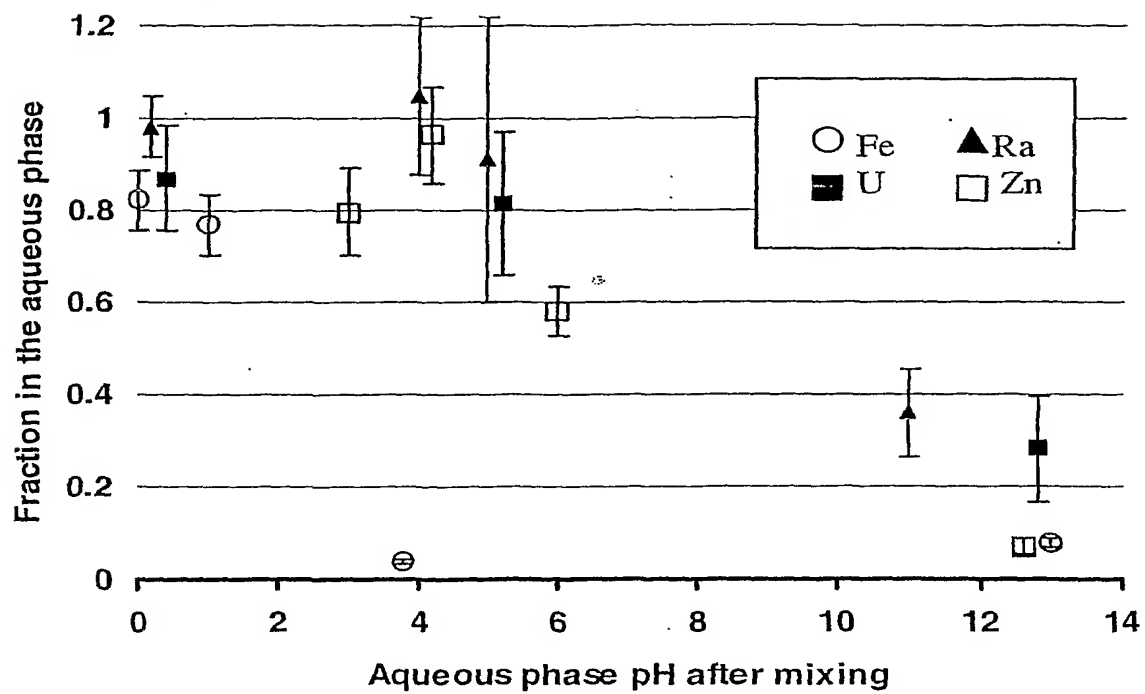


Fig. 15